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ABSTRACT

Each year, the National Center for Education Statistics publishes this pocket summary of the annual "Projections of Education Statistics." The complete report contains information on projected enrollment at all ages, number of high school graduates, degrees conferred, classroom teachers, and public elementary and secondary school expenditures, with state-level tables on enrollment. This summary contains figures for 1986-87, estimates for 1997-98, and projections to 2008-09, with calculations of the percent of change from 1986-87 to 1997-98 and from 1997-98 to 2005-09. Tables present data for these periods for: (1) population by age; (2) elementary and secondary enrollment in public and private schools; (3) high school graduates from public and private schools; (4) classroom teachers in public and private schools; (5) public and private elementary and secondary pupil/teacher rations; (6) elementary and secondary public school expenditures; (7) higher education enrollment in public and private institutions; (8) earned degrees; and (9) higher education expenditures for public and private institutions. Technical notes explain the computation of projections. (SLD)

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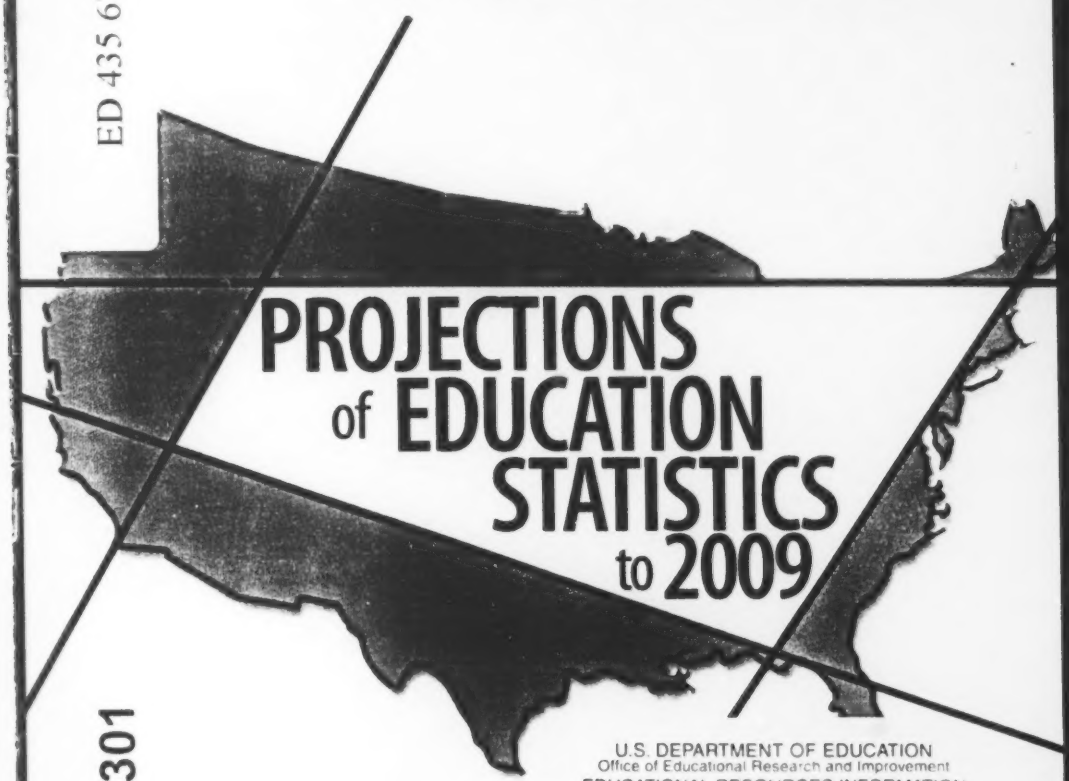
POCKET PROJECTIONS

ED 435 672



PROJECTIONS of EDUCATION STATISTICS to 2009

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Each year, the U.S. Department of Education's National Center for Education Statistics (NCES) publishes this pocket summary of the ***Projections of Education Statistics***. The complete report, ***Projections of Education Statistics to 2009***, provides the reader with NCES information on projected enrollment at all education levels, numbers of high school graduates, earned degrees conferred, classroom teachers, and expenditures of public elementary and secondary schools. In addition, there are state-level tables on public elementary and secondary enrollment and public high school graduates and some supplementary tables from other sources.

To receive a copy of the report ***Projections of Education Statistics to 2009***, see the ordering information at the end of this booklet.

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Pocket Projections

NATIONAL CENTER FOR EDUCATION STATISTICS

Projections of Education Statistics to 2009

William J. Hussar
National Center for Education Statistics

U.S. Department of Education
Office of Educational Research and Improvement NCES 1999-021

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Pocket Projections
1986-87 to 2008-09

Characteristic	1986-87	1997-98 (estimate)	2008-09 (projected)	Percent change 1986-87 to 1997-98	Percent change 1997-98 to 2008-09
		Population[1]			
		(Numbers in thousands)			
3-5 years old	10,757	11,808	11,633	10	-1
5-13 years old	0,078	34,949	35,539	16	2
14-17 years old	14,825	15,429	17,215	4	12
18 years old	3,623	3,681	4,372	2	19
18-24 years old	28,468	25,073	29,368	-12	17
25-29 years old	22,018	18,929	19,400	-14	2
30-34 years old	20,552	20,789	17,872	1	-14
35-44 years old	33,081	44,051	40,095	33	-9
		Elementary/secondary education			
		(Numbers in thousands)			
Enrollment					
Total	45,205	52,182	54,316	15	4
Public	39,753	46,323	48,255	17	4
Private	5,452	5,860	6,061	7	3
Kindergarten - grade 8	31,536	37,737	38,005	20	1
Public	27,420	33,185	33,421	21	1
Private	4,116	4,552	4,584	11	1
Grades 9-12	13,669	14,445	16,310	61	3
Public	12,333	13,137	14,833	71	3
Private	1,336	1,308	1,477	-21	3

Characteristic	1986-87	1997-98 (estimate)	2008-09 (projected)	Percent change 1986-87 to 1997-98	Percent change 1997-98 to 2008-09
		Elementary/secondary education			
		(Numbers in thousands)			
High school graduates					
Total	2,694	2,729	3,248	1	19
Public	2,429	2,445	2,910	1	19
Private	265	284	338	7	19
Classroom teachers					
Total	2,592	3,037	3,170	17	4
Public	2,244	2,649	2,768	18	4
Private	348	388	401	11	3
Elementary	1,521	1,833	1,856	21	1
Public	1,271	1,558	1,578	23	1
Private	250	275	278	10	1
Secondary	1,071	1,204	1,313	12	9
Public	973	1,091	1,190	12	9
Private	98	113	123	15	9
Pupil/teacher ratios[2]		(In units)			
Public					
Elementary	19.3	19.4	19.2	—	—
Secondary	15.7	14.8	15.1	—	—
Private					
Elementary	16.5	16.6	16.5	—	—
Secondary	13.6	11.6	12.0	—	—

Characteristic	1986-87	1997-98 (estimate)	2008-09 (projected)	Percent change 1986-87 to 1997-98	Percent change 1997-98 to 2008-09
		Elementary/secondary education			
Expenditures		(Billions of constant 1996-97 dollars)			
Current expenditures in public schools[3]	209.1	$276.8	$326.8	32	18
Current expenditures per pupil in average daily attendance in public schools[3]	$5,672	(Constant 1996-97 dollars) $6,446	$7,306	14	13
Estimated average annual salaries for teachers in public schools	$37,955	$38,691	$39,037	2	1
		Higher education			
		(Numbers in thousands)			
Enrollment					
Total	12,504	14,390	16,144	15	12
Control of institution					
Public	9,714	11,214	12,568	15	12
Private	2,790	3,175	3,576	14	13
Type of institution					
4-year	7,824	8,805	9,963	13	13
2-year	4,680	5,585	6,181	19	11

Characteristic	1986-87	1997-98 (estimate)	2008-09 (projected)	Percent change 1986-87 to 1997-98	Percent change 1997-98 to 2008-09
		Higher education (Numbers in thousands)			
Enrollment (continued)					
Sex of student					
Men	5,885	6,313	6,852	7	9
Women	6,619	8,077	9,291	22	15
Age[4]					
19 years and under	3,120	3,242	4,079	4	26
20-21 years old	2,304	2,637	3,217	14	22
22-24 years old	2,051	2,226	2,558	9	15
25-29 years old	1,893	2,076	2,155	10	4
30-34 years old	1,219	1,213	1,229	*	1
35 years and over	1,918	2,996	2,906	56	-3
Attendance status					
Full-time	7,120	8,114	9,503	14	17
Part-time	5,384	6,276	6,640	17	6
Level					
Undergraduate	10,798	12,359	14,067	14	14
Graduate	1,435	1,744	1,787	22	2
First-professional	270	286	289	6	1
Full-time equivalent	9,064	10,373	11,893	14	15
Earned degrees					
Associate's	436	558	628	28	13
Men	191	224	236	17	5
Women	245	335	392	36	17

Characteristic	1986-87	1997-98 (estimate)	2008-09 (projected)	Percent change 1986-87 to 1997-98	Percent change 1997-98 to 2008-09
		Higher education (Numbers in thousands)			
Earned degrees (continued)					
Bachelor's	991	1,160	1,257	17	8
Men	481	517	531	8	3
Women	510	643	725	26	13
Master's	289	391	400	35	2
Men	141	171	164	21	-4
Women	148	221	236	49	7
Doctor's	34	45	44	31	-1
Men	22	27	26	22	-3
Women	12	18	18	48	3
First-professional	72	78	74	9	-5
Men	47	45	40	-3	-10
Women	25	33	34	32	3
Expenditures (Billions of constant 1996-97 dollars)					
Current-fund expenditures	$151.1	$205.9	$265.5	36	29
Public	96.6	129.0	167.4	34	30
Private	54.4	76.9	98.1	41	28

Technical Notes

General Projection Methodology

Beginning with institutional data from the National Center for Education Statistics (NCES) and demographic data and projections from the Bureau of the Census, total enrollment is projected using expected enrollment rates. Exponential smoothing and multiple linear regression are the two major projection techniques used to forecast these rates. Demographic assumptions used by NCES are consistent with Bureau of the Census middle series of population projections. Elementary and secondary expenditure projections are produced using multiple linear regression.

For methodological details on the assumptions and methods used to develop these projections, and details on data sources, see ***Projections of Education Statistics to 2009***.

(*)Between -0.5 and 0.5.

—Percentage not calculated.

[1]Population projections are from the middle series of population projections of the Bureau of the Census. Population data for 1997-98 are projected.

[2]Based on enrollment by organizational level.

[3]Excludes capital outlay and interest.

[4]Data for 1986-87 are estimated.

NOTE: Because of rounding, details may not add to totals. Percentages are based on unrounded numbers. Historical numbers may differ from numbers which appeared in editions of *Projections of Education Statistics* produced prior to the ***Projections of Education Statistics to 2009***.

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